

# Initial Algal Abundance



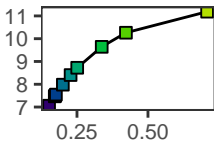
0.01

0.10

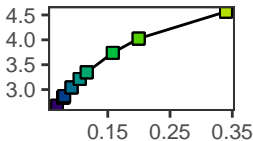
1.00

Primary Production  $\mu\text{g C cm}^{-2} \text{d}^{-1}$

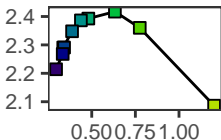
$a = a_{\text{est}}$



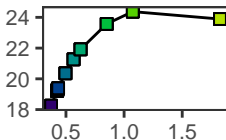
$r = 0.5 \times r$



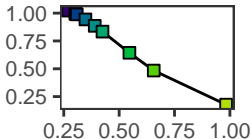
$a = a_{\text{opt}}$



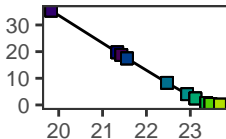
$r = 1.5 \times r$



$a = 0.25$



$r = 3 \times r$



Midge Growth  $\mu\text{g C ind}^{-1} \text{d}^{-1}$